



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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OFFICE OF
ENFORCEMENT AND
COMPLIANCE ASSURANCE

TOTAL Petrochemicals U.S.A. Fact Sheet

Geography:

- One refinery, located in Port Arthur, Texas

Industry Capacity:

- 232,000 barrels of oil per day.
- Approximately 1.5 percent of U.S. domestic refining capacity.

Emissions reductions:

- Nitrogen oxide (NO_x) reduced by more than 180 tons per year.
- Sulfur dioxide (SO₂) reduced by more than 800 tons per year.
- Carbon monoxide (CO) by more than 120 tons per year.

Injunctive Relief:

- More than \$37 million will be spent on injunctive relief through 2013.
- Guaranteed NO_x and SO₂ emission reductions.
- Implementation of extensive program to significantly reduce the number and severity of excess emissions from major flaring events.
- Enhanced procedures to reduce benzene emissions and volatile organic compound leaks from valves and other equipment at all facilities.

Penalty: \$2.9 million

Supplemental Environmental Project: Commitment to use new infrared camera technology to detect leaks of volatile organic emissions from valves, piping and other equipment.